

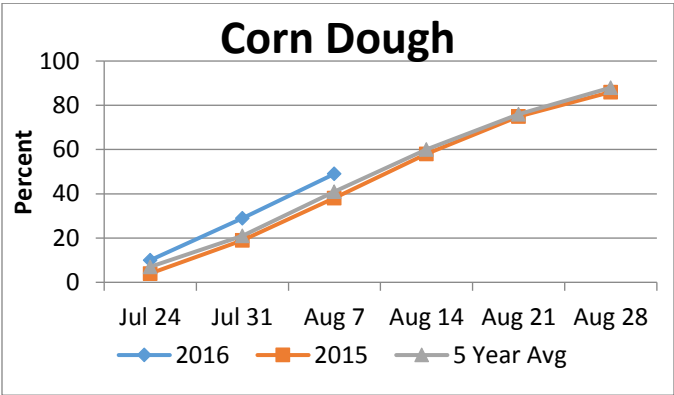


Indiana Crop Weather

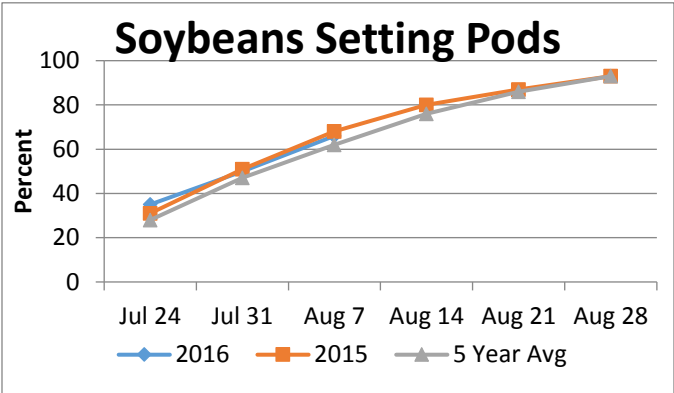
No Rain Increases Stress on Crops

Hot temperatures combined with little to no rainfall has left **corn** and **soybeans** stressed for moisture, according to Greg Matli, Indiana State Statistician for the USDA’s National Agricultural Statistics Service. Most of the State went without precipitation or relief from the above average temperatures. Irrigation systems were running at full force where available to keep crops at adequate moisture; however, those without irrigation are seeing increased stress. The statewide average temperature was 76.6 degrees, 3.7 degrees above normal. Statewide average precipitation was below normal at 0.35 inches, although there were several counties that received no rainfall during the week. There were 6.2 days available for fieldwork for the week ending August 7, up 1 day from the previous week.

Hay and pasture growth slowed significantly over the past week. Many growers were able to get a third cutting of **hay**, but reported needing a significant amount of rain to rejuvenate the fields for an additional cutting. Livestock were reported to be stressed from heat and poor pasture conditions, as some pastures were overrun with weeds rather than grass. Some cattle herds developed pink eye over the past week. Mint, potato, tomato, watermelon, cantaloupe, and sweet corn harvest was well underway. Other activities for the week included applying fungicides, hauling grain, mowing roadsides, and attending the Indiana State Fair.



Corn dough was 44% complete in the North, 53% in Central, and 51% in the South. **Corn** dented was 9% complete in the North, 11% in Central, and 13% in the South. Non-irrigated **corn** has continued to exhibit stalk firing and more leaves have curled from the lack of moisture. In some areas, the lower leaves have dropped from the plant. Stands growing in sandy soils have been more affected by the dry weather. **Corn** rated in good to excellent condition was 73% in the North, 79% in Central, and 66% in the South.



Soybeans blooming were 94% complete in the North, 91% in Central, and 82% in the South. By region, **soybeans** setting pods were 67% complete in the North, 71% in Central, and 53% in the South. **Soybeans** rated in good to excellent condition were 74% in the North, 78% in Central, and 65% in the South. Some **soybeans** have aborted blossoms from moisture stress in drier areas. Growers expressed concerns about the crop given that this is the critical stage for proper bean development and plants have not received adequate moisture. Insect and disease pressures, however, have been relatively low due to dry and hot weather.

Soil Moisture: Week Ending 08/07/16

Item	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture.....	9	24	60	7
Subsoil moisture.....	7	24	64	5

Crop Condition: Week Ending 08/07/16

Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn.....	3	6	18	53	20
Soybeans.....	2	5	19	55	19
Range and Pasture....	3	6	23	55	13

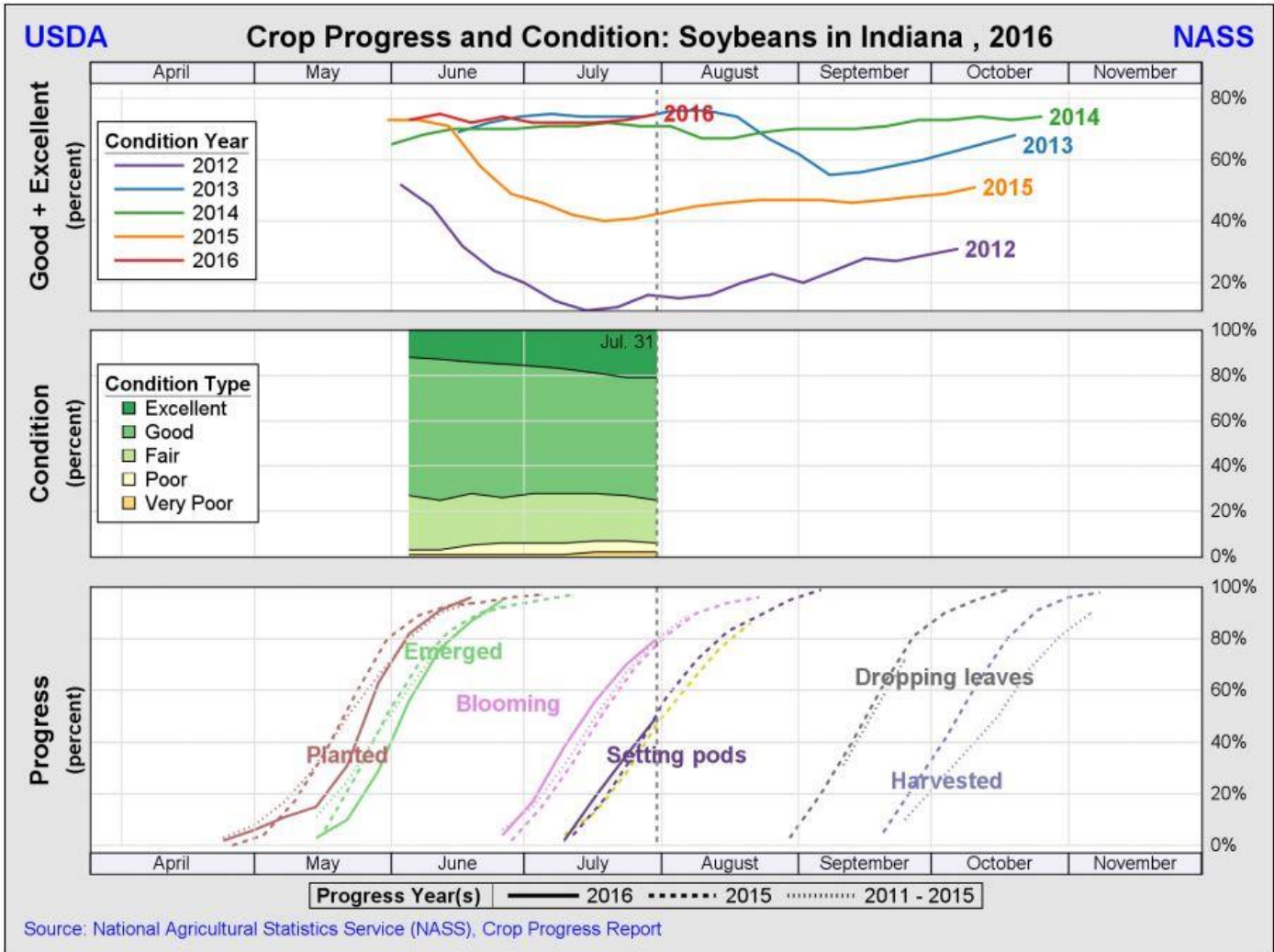
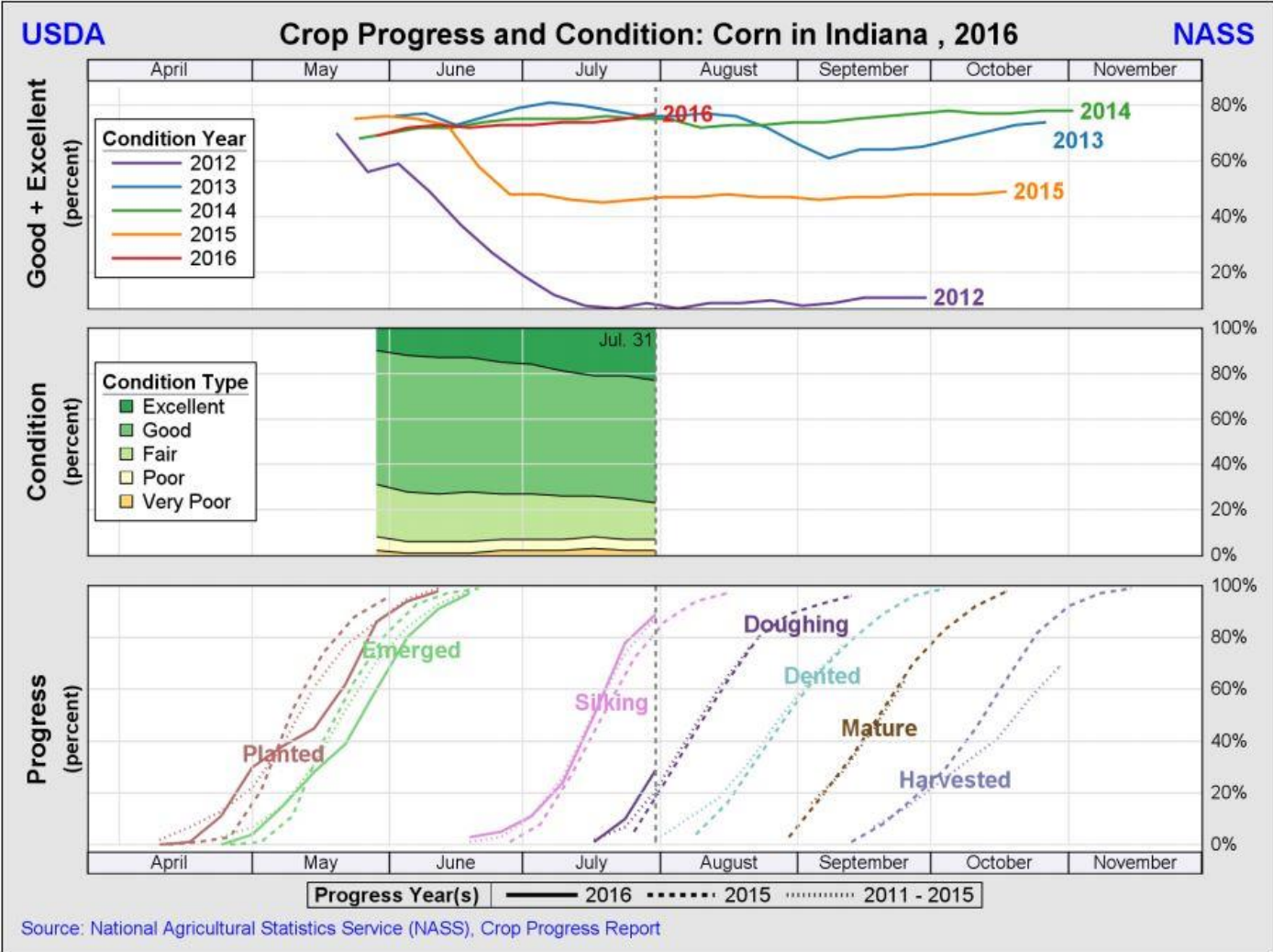
Crop Progress: Week Ending 08/07/16

Crop/Activity	Percent Completed			
	This week	Last week	Last year	5 Year average
Days Suitable for Fieldwork	6.2	5.2	NA	NA
Corn Silking.....	95	89	92	95
Corn Doughed.....	49	29	38	41
Corn Dented.....	10	1	3	8
Soybeans Blooming.....	90	80	87	89
Soybeans Setting Pods.....	66	50	68	62
Alfalfa Hay 2nd Cutting	95	91	87	96
Alfalfa Hay 3rd Cutting	40	21	4	28
Other Hay 2nd Cutting.....	82	75	83	NA
Other Hay 3rd Cutting	22	12	2	NA

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Weather Summary For Indiana [Great Lakes Region NASS]
Prepared By AWIS.com from NWS preliminary data

For the Period: August 1, 2016
To: August 7, 2016

LAST WEEK WEATHER SUMMARY DATA April 1, 2016 - August 7, 2016												
STATION	AVG							PRECIPITATION GDD BASE 50F				
	TEMPERATURE				PRECIPITATION 4IN			SOIL		-----		
	HI	LO	AVG	DFN	TOTAL	DAYS	TEMP	TOTAL	DFN	DYS	TOTAL	DFN
NORTHWEST	---	---	---	---	-----	---	---	-----	---	---	-----	---
Chalmers_5W	89	58	74	+1	0.00	0		15.87	-1.16	46	1946	-42
Francesville	88	56	73	+0	0.00	0		14.12	-2.63	43	1962	-31
La_Porte_Ag	90	62	76	+3	0.00	0		12.63	-3.53	48	1995	+91
Rensselaer_Ag	90	58	75	+2	0.00	0		19.06	+2.31	44	2045	+52
Valparaiso_AP_I	90	58	75	+4	0.00	0		10.93	-5.66	48	2033	+225
Wanatah	90	59	74	+3	0.00	0	88	14.46	-2.13	49	1919	+111
NORTH CENTRAL												
Goshen_3SW	92	58	75	+3	0.00	0		12.50	-2.68	53	2045	+86
Logansport	90	59	75	+3	0.05	1		14.09	-2.44	61	2038	+107
Northern_In_NWS	92	58	75	+5	0.00	0		11.58	-4.72	56	1988	+198
Peru_Grissom_AF	92	57	76	+5	0.00	0		12.42	-4.80	47	2138	+271
Plymouth	92	55	75	+3	0.00	0		13.30	-4.03	50	1891	+42
South_Bend_AP	91	57	75	+3	0.00	0		14.15	-1.77	44	1916	+75
Wabash_Coop	92	60	77	+7	0.78	2		14.35	-2.55	44	2110	+321
NORTHEAST												
Angola_Ag	91	59	74	+4	0.20	1		14.96	-0.82	43	1793	+136
Bluffton_Main_S	89	60	75	+2	0.00	0		13.25	-2.76	46	1948	+1
Decatur	93	60	75	+3	0.00	0		11.43	-5.35	42	2003	+17
Fort_Wayne_AP	92	60	77	+5	0.00	0		14.04	-1.70	45	2113	+206
Garrett	91	62	75	+4	0.00	0		15.17	-1.05	44	1949	+93
Huntington_WTR	90	59	75	+2	0.01	1		18.82	+2.58	47	1924	-47
Kendallville_Ag	91	59	75	+3	0.19	1		13.76	-2.46	55	1934	+78
Woodburn_3N	93	61	76	+4	0.05	2		12.97	-2.59	46	1959	+63
WEST CENTRAL												
Crawfordsville_	88	55	73	+1	0.02	1		18.77	+1.99	44	1966	+39
Lafayette_8S	90	60	76	+3	0.07	1		16.02	-0.62	45	2137	+184
Perrysville_4WN	92	60	76	+4	0.00	0	82	20.22	+3.01	49	2277	+248
Spencer_Ag	92	63	78	+7	0.05	1		27.19	+7.41	51	2257	+411
Terre_Haute_AFB	91	62	78	+2	0.05	1		20.05	+2.04	48	2418	+185
W_Lafayette_6NW	90	54	73	+0	0.00	0	83	14.74	-2.29	43	2022	+34
CENTRAL												
Carmel_3E	88	63	76	+3	1.44	1		18.92	+0.50	47	2053	+56
Columbus_Ag	90	65	78	+3	0.51	2		21.86	+4.48	58	2318	+121
Franklin_WWTP	90	63	77	+3	0.06	1		22.56	+5.35	53	2231	+77
Greenfield	90	64	77	+3	1.04	2		18.19	-0.91	56	2137	+46
Greensburg_Ag	88	63	77	+3	0.21	2		17.87	-0.90	49	2311	+190
Indianapolis_AP	92	66	80	+6	0.00	0		20.06	+2.60	47	2410	+254
Kokomo_3WSW	90	60	76	+4	0.08	1		15.08	-2.14	54	1995	+128
Marion_2N	92	62	76	+4	0.11	1		11.97	-5.52	51	1989	+67
Martinsville	89	61	76	+3	0.00	0		17.34	-0.79	51	2056	+52
Rushville_Sew_P	89	64	75	+3	0.22	1		19.04	+0.16	54	2098	+115
Shelbyville_Sew	89	63	76	+2	0.21	2		18.38	+1.17	54	2134	-20
Tipton_5SW	90	61	75	+5	0.00	0		18.47	+1.70	49	2048	+278
EAST CENTRAL												
Farmland_5NNW	91	61	76	+5	0.09	1	87	13.03	-4.26	47	2085	+225
Hartford_City_4	91	61	76	+3	0.00	0		10.23	-6.58	42	2066	+63
Muncie_AP	92	62	78	+4	0.89	1		12.83	-4.05	53	2351	+335
New_Castle_3SW	90	61	75	+4	0.00	0		14.92	-3.96	48	1953	+145
Richmond_Wtr_Wk	91	63	78	+6	0.58	3		16.46	-0.67	58	2232	+304
SOUTHWEST												
Boonville_1S	91	68	79	+3	0.03	1		21.38	+2.69	40	2736	+225
Elnora	89	64	78	+4	0.41	2		20.73	+1.88	56	2561	+307
Evansville_AP	93	69	81	+3	0.01	1		23.36	+5.32	47	2693	+170
Farmersburg_TV2	93	66	79	+4	0.00	0		19.09	+1.61	41	2504	+356
Mt_Vernon	93	70	81	+5	0.14	1		20.84	+2.24	38	2679	+249
Shoals_8S	89	62	77	+3	1.12	2		22.88	+2.88	49	2338	+214
Stendal	90	65	78	+2	0.49	2		28.25	+8.89	45	2408	+20
Vincennes_4E	90	65	78	+3	0.99	2		20.08	+1.01	47	2428	+154
Washington_1W	87	66	78	+2	1.23	3		21.78	+3.55	40	2524	+152
SOUTH CENTRAL												
Bloomington_AP	91	63	77	+3	0.43	2		19.53	+0.82	59	2375	+225
Cannelton_Ag	91	68	79	+2	1.25	6		21.36	+1.92	64	2437	+22
Corydon	90	67	79	+4	1.21	5		24.62	+4.91	50	2473	+234
Leavenworth	90	67	78	+3	1.38	6		22.03	+2.32	50	2457	+218
Medora_7S	90	65	78	+3	1.61	3		22.15	+3.43	64	2378	+142
New_Salem_1SSE	90	65	78	+4	1.28	2		23.29	+4.57	56	2402	+166
Oolitic_PU_Exp_	89	63	76	+2	0.47	2		19.93	+0.88	48	2217	+108
Paoli	88	62	76	+2	1.25	2		22.45	+2.85	46	2296	+140
Seymour	90	64	78	+5	1.92	3		31.27	+11.93	63	2319	+234
Tell_City	88	69	78	+1	0.43	3		24.65	+5.21	47	2445	+30
SOUTHEAST												
Brookville_Ag	94	64	79	+6	0.03	1		16.74	-1.47	52	2286	+265
Madison_Sewage_	90	65	78	+3	2.04	4		19.60	+0.63	48	2361	+95
Moore's_Hill_6SS	90	64	78	+6	0.32	2		18.30	-0.08	61	2294	+520
Vernon_1ENE	90	64	78	+4	0.79	2		21.55	+3.16	58	2306	+81

Summary based on NWS data. DFN = Departure From Normal. Precipitation (rain or melted snow/ice) in inches. Air Temperatures in Degrees Fahrenheit. For more weather information visit www.awis.com or call 1-888-798-9955.